## **ABSTRACT**

The invention is directed to a neutral sensing switch for use with a remote vehicle starter to prevent the vehicle starter from starting a vehicle unless the shift lever for the transmission is in the neutral position. The neutral sensing switch includes a transmitter mounted on top of a shift lever which transmits a signal generally towards a receiver. The transmitter and receiver are both connected to a processing circuitry of a controller. Based on the signal detected by the receiver, the controller determines whether the shift lever is in the neutral position.

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